

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Application Transmittal

Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing is the Patent Application of:

Inventor: Abdo Esmail Abdo et al.

For:

LOOK-AHEAD PREDICATE GENERATION FOR JOIN COSTING AND

OPTIMIZATION

ASSIGNEE NAME: INTERNATIONAL BUSINESS MACHINES CORPORATION ASSIGNEE RESIDENCE: ARMONK, NEW YORK

Enclosed are:

18 Pages of Specification and 1 Abstract

4 Sheets of Drawings

A Declaration and Power of Attorney

An Information Disclosure Statement and form PTO/SB/08A

A certified copy of foreign application

An Assignment of the invention to International Business Machines Corporation, Armonk,

New York 10504

The filing fee has been calculated as follows:

Other	Than	Small	Entity	7
-------	------	-------	--------	---

•	No. F	iled	No. Extra	Rate	Fee
sic Fee					\$770.00
al Claims	19	-20 =	0	x \$18.00=	\$ 00.00
ep. Claims	3	-3 =	0	x \$86.00=	\$ 00.00
Multiple Dependent	Claim Prese	nted		\$290.00	\$ 00.00
EXPRESS MAIL C	ERTIFICAT 407023381 US			TOTAL	\$770.00

T		~~~	~
EXPRESS	A/1 A I I	T'L'D'T'LL	A A TILL
EVI VESS	WALL	CERILI	CAIL
EXI KESS	MINIT	CERTIFI	CAIL

Express Mail Label No.:

EV 4070

For:

Basic Fee

Total Claims

Indep. Claims

January 15, 2004

I hereby certify that I am depositing the enclosed or attached paper with the U.S. Postal Service "Express Mail Post Office to Addressee" service on the above date, addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Susan K. Berge

Deposit Account Authorization:

Please charge Deposit Account No. 09-0465 in the amount of \$770.00. A duplicate copy of this sheet is enclosed.

The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account 09-0465. A duplicate copy of this sheet is enclosed.

By

Any additional filing fees required under 37 C.F.R. §1.16.

 \overline{X} Any patent application processing fees under 37 C.F.R. §1.17.

Respectfully submitted,

Steven W. Roth, Consulting Attorney

Registration No. 34,712

Date: <u>January 15, 2004</u>

IBM Corporation Intellectual Property Law, Dept. 917 3605 Highway 52 North Rochester, MN 55901

(507) 253-1600 voice (507) 253-2382 fax